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[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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पेटेंट कार्यालय शाखा, टौली इस्टेट,
तीसरा तल, लोअर परेल (पू)
मुम्बई-400013 ।
गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।
तार पता - "पेटोफिस"
फोन 482 5092 फैक्स 022 4950 622

पेटेंट कार्यालय शाखा,
एकक सं 401 से 405 तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005 ।
हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिक"
फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बेसन्त नगर चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु,
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।

तार पता-"पेटेंटोफिस"
फोन 490 1495 फैक्स 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

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तार पता - "पेटेंट्स"
फोन 247 4401 फैक्स 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या तो **फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे** ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान की अनुसूचित बैंक से नियंत्रक को भुगतान हेतु बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WING 'C' (C-4 'A'), IIIRD FLOOR, RAJAJI BHAVAN, BESANT NAGAR, CHENNAI-600 090

24th July 2000

569/Mas/2000 Cheminor Drugs Limited A novel process for preparation of polymorph of olanzapine

570/Mas/2000 M/s Jyothi Hi-Tech Equipments Co Vaccum manifold assembly

571/Mas/2000 Lucent Technologies Inc Demodulation method for receiver (July 27, 1999, US)

572/Mas/2000 Lucent Technologies Inc Modulation method for transmitter (July 27, 1999, US)

573/Mas/2000 Lucent Technologies Inc Data link protocol for wireless systems (July 27, 1999, US)

574/Mas/2000 Lucent Technologies Inc Medium allocation method (July 27 1999, US)

575/Mas/2000 Lucent Technologies Inc Method and apparatus for performing a key update using bi-directional validation. (July 29, 1999, USA).

576/Mas/2000 Schneider Electric Industries S A Electrical apparatus equipped with an auxiliary cover (August 2, 1999, France)

25th July 2000

577/Mas/2000 Dr Reddy's Research Foundation A process for the preparation of 3, 4, 5-trifluoroiodobenzene

578/Mas/2000 Praveen Baratam Transducer-acoustic type

579/Mas/2000 Matsushita Electric Industrial Co Ltd Roadside radio apparatus (July 26 1999, Japan)

580/Mas/2000 Schneider Electric Industries S A Electronic trip device comprising an initialization device (September 9 1999, France)

581/Mas/2000 Lucent Technologies Inc Thin film resonator apparatus and method of making same (July 30 1999 USA)

582/Mas/2000 Dr Reddy's Pharma Ltd Method for regulating autonomic functions and treating pain (August 3 1999, USSR)

583/Mas/2000 Philip Morris Products Inc Smoking article wrapper with improved filler (July 28, 1999, US)

584/Mas/2000. Cheeram Parambil Muhammad, Muthusami Sivaswami & Ippu Jacob An improved seedling transplanting mechanism.

26th July 2000

585/Mas/2000. Lucent Technologies Inc. A voice frequency data enhancement method. (July 30, 1999; USA).

586/Mas/2000. F Hoffmann-La Roche Ag. Process for the production of naturally folded and secreted proteins by co-secretion of molecular shaperones. (July 29, 1999; Europe).

27th July 2000

587/Mas/2000. International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI). A process for the production of ceramic honeycomb substrates with low co-efficient of thermal expansion and low thermal anisotropy and the ceramic honeycomb substrates so produced.

28th July 2000

588/Mas/2000. Coir Board. An erosion control blanket.

589/Mas/2000. Coir Board. An erosion control blanket.

590/Mas/2000. Coir Board. An erosion control blanket.

591/Mas/2000. Coir Board. An erosion control blanket.

592/Mas/2000. Coir Board An erosion control blanket.

593/Mas/2000. F Hoffmann-La Roche Ag. Process for the preparation of benzothiophene derivatives. (August 2, 1999; Europe).

594/Mas/2000. F Hoffmann-La Roche Ag. Microbial production of levodione. (August 2, 1999; Europe).

595/Mas/2000. Class Selbstfahrende Erntemaschinen GmbH. Separation unit for grain harvesting. (September 29, 1999; UK).

596/Mas/2000. Class Selbstfahrende Erntemaschinen GmbH. Rotary separation unit. (September 29, 1999; UK).

597/Mas/2000. Class Selbstfahrende Erntemaschinen GmbH Rotary threshing and separation unit. (September, 29, 1999; UK).

598/Mas/2000. Lakshmi Card Clothing Manufacturing Company Limited. A metallic card clothing.

599/Mas/2000. Lastra SpA. Composition sensitive to IR radiation and to heat and lithographic plate coated therewith. (July 30, 1999; Europe).

600/Mas/2000. Banyan Networks Pvt. Ltd. A high bit rate digital subscriber line switch.

31st July 2000

601/Mas/2000. Southern Petrochemical Industries Corporation Limited. A process for the preparation of 4-bromophthalic acid.

602/Mas/2000. Southern Petrochemical Industries Corporation Limited. A process for the synthesis of 1, 1, 2, 2-Tetrabromoethane.

603/Mas/2000. Southern Petrochemical Industries Corporation Limited. A process for the preparation of diethyleneriamine penta (Methylene phosphonic acid).).

604/Mas/2000. Southern Petrochemical Industries Corporation Limited. A process for the preparation of dimethyl carbonate by transesterification with alkylene carbonates and methanol.

605/Mas/2000. Southern Petrochemical Industries Corporation Limited. A process for the preparation of dimethyl carbonate from BIS (Trichloromethyl) carbonate and methanol.

606/Mas/2000. Southern Petrochemical Industries Corporation Limited. A catalytic process for the preparation of BIS (Trichloromethyl) carbonate (Triphosgene).

607/Mas/2000. Southern Petrochemical Industries Corporation Limited. A process for the preparation of 1, 1, 2, 2-tetrabromoethane from bromatebromide mixture.

608/Mas/2000. Japan Tobacco Inc. A process for producing an optically active 1, 3-dioxolane compound. (January 16, 1998; Japan) (Div to Pat. Appln. No. 54/Mas/99 dt. January 14, 1999).

609/Mas/2000. Japan Tobacco Inc. A process for producing an optically active amino alcohol compound having 1, 3-dioxolane. (January 16, 1998; Japan) (Div. to Pat. Appln. No. 54/Mas/99 dt. January 14, 1999).

610/Mas/2000. Amsted Industries Incorporated. Improved lightweight bolster for a railway truck. (August 9, 1999; USSN).

611/Mas/2000. K. T. Devassy. Water level controller.

612/Mas/2000. M. A. Fakeer Mohideen. Maf Magnetizer.

1-8-2000

613/Mas/2000. BASF Aktiengesellschaft. Isothermal operation of heterogeneously catalyzed three phase reactions. (August 2, 1999; Germany).

2-8-2000

614/Mas/2000. Acciaierie Valbruna S P A. Tube connector. (August 3, 1999; Italy).

615/Mas/2000 F Hoffmann-La Roche Ag Process for preparing beadlets containing fat-soluble substances. (August 5, 1999, Europe).

616/Mas/2000. F Hoffmann-La Roche Ag. 1, 2, 4, 5-Tetrahydro-benzo (d) azepines. (August 6, 1999; Europe).

617/Mas/2000. Netcentives Inc. An on-line incentive system.

618/Mas/2000. British Telecommunications PLC. A mobile radio network. (Div. to Patent Application No. 1218/Mas/94 dt. December 6, 1994).

3-8-2000

619/Mas/2000. Mysore Sandal Products. A method of manufacturing spices oleoresin balls such as cassia, cardamom, clove, clove leaf, pepper, nutmeg mace ajwain, asafoetida and cumin.

620/Mas/2000. Lucent Technologies Inc. Smart mobile assisted handoff method. (August 6, 1999; USA).

621/Mas/2000. Nippon Shokubai Co. Ltd. Process for producing acrolein and acrylic acid. (August 4, 1999; Japan).

622/Mas/2000. F Hoffmann-La Roche Ag. Topical composition comprising a tocopherol compound. (August 6, 1999; Europe).

4-8-2000

623/Mas/2000. T. S. Karpaga Ganesh. A novel method and an interactive system for specific card game using internet.

624/Mas/2000. Dr. Paramanahally Hanumanthe Ramanjini Gowda. An improved rabies vaccine produced in plants.

625/Mas/2000. Ciba Specialty Chemicals Holding Inc. Gamma quinacridone pigment. (August 5, 1999; USA).

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निर्बंधक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसकी शाखा कार्यालयों से यथाविहित 30/- रुपए प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 104 N. 185351

Int Cl[1] : E 02 B- 3/18 & F 16 L - 1/00.

AN IMPROVED PROCESS FOR THE RECOVERY OF TUNGSTEN CARBIDE FROM CEMENTED TUNGSTEN CARBIDE.

Applicant COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :
1 GAJAVALLK NAGARAJA RAO SRINIVASAN—INDIA
2 ALAGAPPILLAI VARADHARAJ—INDIA AND
3. SRINIVASAIYER VISVANRTHAN—INDIA.

Application for Patent No. 42/Del/92 filed on 21st Jan., 1992

Complete left after Provisional Specification filed on 15-2-95

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005

3 Claims

An improved process for the recovery of tungsten carbide from cemented tungsten carbide which comprises electrolysing cemented tungsten carbide (CTC) scrap in a cell having graphited plate as cathode and CTC as the anode at a current density of 375—400 Am^{-2} and temperature in the range of 45—80° C, using the electrolyte having the composition 5—10% HCL + 3% NaCl and recovering tungsten carbide by known methods in the form of powder.

(Compl Speen 8 Pages Drng Sheet Nil)

Ind Cl . 40B 185352

Int Cl[1] · B 01 J 27/12.

PROCESS FOR THE PRODUCTION OF FLUORINATED HYDROCARBONS

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC, A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SWIP 3JF, ENGLAND

Inventors :
1. JOHN DAVID SCOTT—ENGLAND.
2 MICHAEL JOHN WATSON—ENGLAND

Application for Patent No. 0047/Del/92 filed on dt. 21-01-92.

Convention Applicatin No. 9104775 3, 9104775 3/GB, GB/07-5-91, 07-05 91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch New Delhi-110 005.

9 Claims

A process for the production of fluorinated hydrocarbons which comprises reacting at least once a halogenated hydrocarbon with hydrogen fluoride in the vapour phase in the presence of a chromium-containing fluorination catalyst comprising an activity-promoting amount of zinc in the range of from 5% to [illegible] by weight of the catalyst, the halogenated hydrocarbon comprising an alkene or alkane having from 1 to 4 carbon atoms and at least one chlorine atom

(Compl Speen 27 Pages; Drng Sheet Nil)

Ind Cl 181 185353

Int Cl[4] . F 16 J 15/48

MECHANICAL FACE SEALS

Applicant : JOHN CRANE UK LIMITED A BRITISH COMPANY OF CROSSBOW HOUSE 40 LIVERPOOL ROAD SLOUGH SL1 40X UNITED KINGDOM

Inventors :

1 IAN MARTYN GOLDSWAIN—UK.

2 MARTIN WILLIAM DE BOER HIGNETT—UK

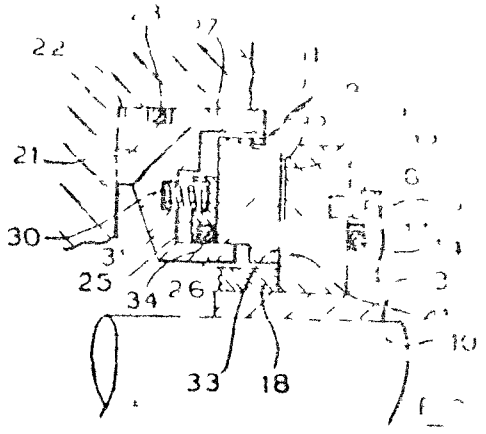
Application for Patent No 0070/Del/92 filed on dt 31 01-92.

Convention Application No 9103217 7/UK 05-02 91

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

13 Claims

A mechanical face seal for providing a seal between a pair of relatively rotatable components comprising a first sealing ring adapted to be mounted non-rotatably and sealed with respect to one of said components, a second sealing ring adapted to be mounted non-rotatably and sealed with respect to the other component, said second sealing ring being mounted in axial alignment with the first sealing ring, and means being provided for resiliently urging a sealing face of the first sealing ring axially into sealing engagement with the sealing face of the second sealing ring the sealing face of one of said sealing rings having a plurality of grooved areas spaced angularly around its circumference, the grooved areas opening to one edge of the sealing face, a continuous annular dam formation being provided between the grooved areas and the other edge of the sealing face each grooved area having at least two trailing edges relative to rotation in one direction said trailing edges being defined by walls inclined in the plane of the face at an obtuse angle to said one direction of rotation, and at least one trailing edge relative to rotation in the opposite direction said trailing edge being defined by a walls inclined in the plane of the face at an obtuse angle to said opposite direction of rotation, the trailing edges relative to each direction of rotation each being, terminated by a transverse wall extending circumferentially of the seal face.



(Compl Specn 17 Pages, Drgns Sheet 2)

Ind Cl 51 D 185354

Int Cl[4] A 45 D, 27/46

PROCESS OF MANUFACTURING A SHAVING UNIT

. . . THE GILLITTE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE UNITED STATES OF AMERICA OF PRUDENTIAL TOWER BUILDING, BOSTON, MASSACHUSETTS 02199, UNITED STATES OF AMERICA.

Inventor RICHARD JOHNSTON—ENGLAND.

Application for Patent No 162/Del/92 filed on 27-02-92

Convention application Nos 9104128 5/U K /27-02 91 & No 9113336 3/U K /20-06-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005

5 Claims

A process of manufacturing a shaving unit which process comprises :

moulding a polymeric material to provide a blade support comprising skin-engaging guard and cap surfaces,

mounting at least one blade on said blade support,

characterized in that said moulding employs at least one lubricious polymeric material, or a mixture of said lubricious polymeric material with one or more other materials to form the cap portoin and/or the guard portion of the blade support, or a moulded insert for the cap portion and/or the reguard portion, wherein the lubricious polymeric material is more water-soluble under the conditions present during shaving than it is under other conditions, and is either a polymer exhibiting high surface lubricity and being at least partially water soluble at pH of 8 to 9 and which is substantially water-insoluble and non-lubricious at lower pHs, or is a polymer which is substantially water-insoluble at ambient temperature and which is more soluble at an elevated temperature

(Compl Specn 10 Pages Drng 1 Sheet)

Ind Cl 68 185355

Int Cl G05B 7/02

A CIRCUIT FOR DRIVING AT LEAST THREE GAS DISCHARGE LAMPS

Applicant MOTOROLA LIGHTING, INC. A CORPORATION OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1303 EAST ALGONQUIN ROAD SCHAUMBURG, ILLINOIS 60196, UNITED STATE OF AMERICA

Inventor(s)

MIHAIL MOISIN- U S A

ANDRZEJ BOBEL -U S A

Application for Patent No 0188/Del/92 filed on dt 04-03-92

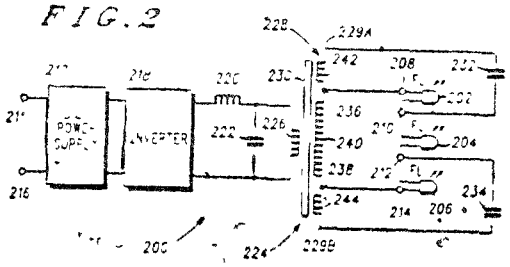
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005

11 Claims

A circuit (100, 200 300, 400 500, 600) for driving at least three gas discharge (102, 104, 106, 202, 204, 206 etc) lamps the said circuit comprising, input (115, 116 etc) terminals for connection to a source of voltage, first and (108, 114 etc) second output terminals for connection across a plurality of gas (102, 104, 106 etc) discharge lamps connected in series, the plurality of gas discharge lamps having at least first, (102 etc) second, (104 etc) and third (106 etc) lamps, oscilator (120, 122, 220, 222 etc) means coupled to the input terminals for producing a high frequency voltage, a transformer, (124, 224 etc) comprising a primary (126, 226 etc) winding coupled to the oscillator means to receive the high frequency voltage, and a secondary (128, 228 etc) winding having thereon a plurality of connection (129A, 129B, 136, 138 etc.) points, the plurality of connection points having at least a first (136 etc) point coupled to the first output (108 etc) terminal and a second (138 etc) point coupled to the second output (114 etc) terminal, characterized by at least one additional (110, 112 etc) output terminal for connection to

a junction of two said consecutive (102, 104, 106 etc.) lamps; and at least one starting-aid (132, 134 etc.) capacitor coupled between said at least one additional (110, 112 etc.) output terminal and at least one of the plurality of said connection (129A, 129B, 136, 138 etc.) points one the secondary 128 etc. winding of the transformer.

FIG. 2



(Compl. Specn. : 28 Pages; Drwng. : 3 Sheets)

Ind. Cl. : 201 D 185356

Int. Cl.[4] : B 01D, 61/38, C 02 F, 1/44, G 21 F, 9/18.

"A BIOSENSOR USEFUL FOR THE DETERMINATION OF BIOCHEMICAL OXYGEN DEMAND (BOD) IN EFFLUENTS OF INDUSTRIES".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) :

RAGARAJAN RAJASEKAR—INDIA,

SHEELA BERCHMANS—INDIA,

VENGOBHA RAO MURALI MADAV—INDIA,

SUMATHI RAJASEKAR—INDIA,

KALIAPPAN SHANMUGAM ARUMUGASAMY GNANASEKARAN—INDIA,

DURAISAMY JEYAKUMAR—INDIA,

GOLLAKOTA PRABHAKARA RAO—INDIA,

SARIKAI KRISHNAMACHARI RANGARAJAN—INDIA.

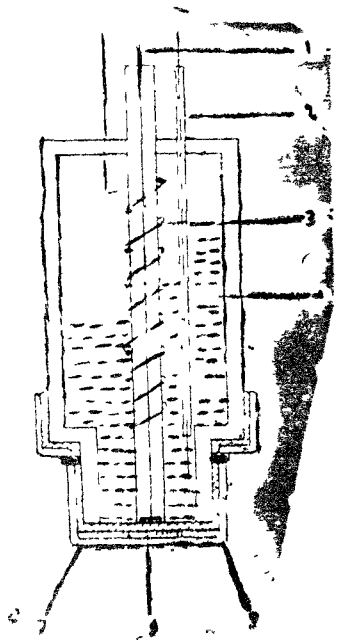
Application for Patent No. : 0282/Del/92 filed on 30-03-92.

Complete left after provisional filed on 22 04-93.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A biosensor useful for the determination of biochemical oxygen demand (BOD) in the effluents of industries which comprises of a container, with a oxygen permeable membrane filled with phosphat buffer solution, the container housing a gold electrode surrounded by a spiral platinum/aluminium counter electrode and a Ag/Agcl reference electrode, membrane capable of treating organic matter using oxygen sandwitched between a dialysis membrane and the oxygen permeable membrane using an 'o' ring.



(Prov .Specn. : 6 Pages; Drwg. Sheet : Nil)
(Compl. Specn. : 8 Pages; Drwg. : 1 Sheet)

Ind. Cl. : 32 F (3a), 83 b (5) 185357

Int. Cl.[4] : A 23 D 5/00

A PROCESS FOR PREPARING POLYOL FATTY ACID POLYSTERS.

Applicant : THE PROCTER & GAMBLE COMPANY A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO-45202, UNITED STATES OF AMERICA.

Inventor : ROBERT JOSEPH SHARMA, U.S.A.

Application for Patent No. 347/Del/92 filed on 22-4-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Dehli-110005.

9 Claims

A process for making polyol fatty acid polyesters, having improved oxidative stability comprising heating a mixture of from 10% to 30% of a polyol, from 60% to 90% of a fatty acid ester, from 0.1% to 20% of an alkali metal fatty acid soap and from 0.1% to 3% of a catalyst of the kind hereinbefore described to a temperature of from 90°C to 163°C, at a pressure of from 0.1 mm Hg to 760 mm Hg to form a reaction mixture, and subsequently adding to said mixture more fatty acid ester, wherein an alkaline material, selected from the group consisting of alkaline silica gel, alkaline clay, and a base solution of the kind hereinbefore described is added, to the synthesized crude polyol fatty acid polyester prior to commencing refining and finishing the crude product, preferably just prior to a thermal evaporation and more preferably just prior to high temperature steam distillation, wherein the alkaline material is added in an amount such that the final product has a pH of from 6.0 to 7.5, and most preferably 7.0.

(Compl. Specn. 27 Pages; Drgn. Sheet 1)

Ind. Cl .: 51 D 185358

Int. Cl.[5] : B 26 B 21/06

A PROCESS OF FORMING A RAZOR BLADE.

Applicant : THE GILLETTE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF PRUDENTIAL TAWER BUILDING, BOSTON, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventors :
MANOHAR SINGH GREWEL, U.S.A.
CHONG-PING LPETER CHOU, U.S.A.
STEVE LSYNG-HI HAHN, U.S.A.
JOHN MADEIRA, U.S.A.

Application for Patent No. 355/Del/92 filed on 23rd April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A process of forming a razor blade which comprises forming in known manner such as herein described a wedge-shaped sharpened edge having an included angle of less than 30 degrees on a substrate, depositing an interlayer on the substrate, and depositing a layer of diamond or diamond like carbon material on the interlayer so that the interlayer is between and in contact with the layer of diamond or diamond-like carbon material on the one side and with the substrate including its sharpened edge on the other side, characterized in that the wedge shaped sharpened edge is formed with a tip radius of less than twelve hundred angstroms and the interlayer is formed from niobium, tantalum, or vanadium, or alloys of said metals.

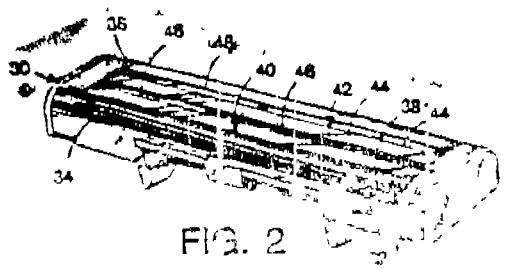


FIG. 2

(Compl. Specn. 15 Pages; Drgn. Sheets 2)

Ind. Cl. : 126 D 185359

Int. Cl.[5] : G01 R. 19/04

AN APPARATUS FOR CONTROLLING THE APPLICATION OF ALTERNATING CURRENT TO AN ELECTRIC LOAD.

Applicant : ALLEN-BRADLEY COMPANY, INC., OF 1201 SOUTH SECOND STREET MILWAUKEE, WISCONSIN 53204, UNITED STATES OF AMERICA.

Inventors :
PETER JOSEPH UNSWORTH, ENGLAND.
LI CHEN, CHINA.

Application for Patent No. 0413/Del/92 filed on 13-05-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

7 Claims

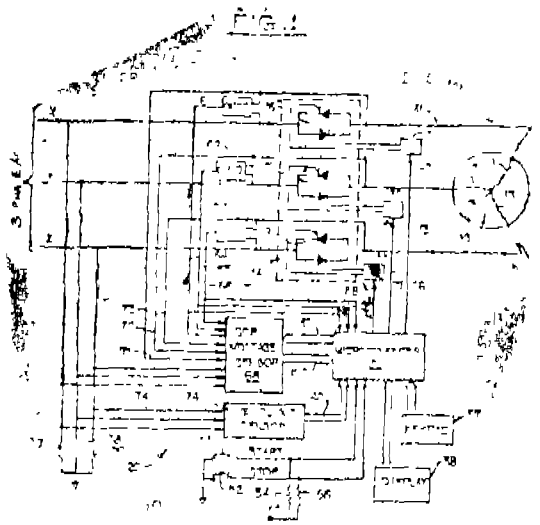
An apparatus for controlling the application of alternating current to an electric load, said apparatus comprising :

at least one switch means (16, 17, 18) coupling the load (10) to a source of the alternating current and having conductive and non-conductive states;

means for detection (61) coupled to said switch means for determining when said at least one switch means is in a non-conductive state;

means for sensing, (68) coupled to said means for detection for sensing the voltage across said switch means in the non-conductive state; and

means for determining (22) amount of current flowing to the load when said switch means is in a conductive state operatively coupled to said means for sensing.



(Compl. Specn. 27 Pages; Drgn. Sheets 4)

Ind. Cl. : 32F (1) 185360

Int. Cl.[5] : C 07C, 19/08

A PROCESS FOR THE PRODUCTION OF DIFLUOROMETHANE.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC, A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SW1P 3JF, ENGLAND.

Inventors :
JANE LESLEY BUTCHER, ENGLAND.
THOMAS ANTHONY RYAN, ENGLAND.
LESLIE BURGESS, ENGLAND.

Application for Patent No. 448/Del/92 filed on 25-5-92.

Convention date 11-12 91/9126330.1/UK, 14-6-91/9112817/UK, 14-6-91/9112860/UK, 14-6-91/9112861.1/UK, 13-11-91/9124087.9/UK.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

11 Claims

A process for the production of difluoromethane which comprises (a) reacting formaldehyde with hydrogen fluoride optionally in the presence of a conventional catalyst of the kind such as herein described to form bis (fluoromethyl) ether and water (b) separating at least part of the water from bis (fluoromethyl) ether and (c) heating the bis (fluoromethyl) ether water composition in a reaction zone at a temperature in the range of from 80°C to 700°C, optionally in the presence of said catalyst and hydrogen fluoride to produce difluoromethane.

(Compl. Specn. 44 Pages; Drgn. Sheet Nil)

Ind. Cl. : 170 D 185361

Int. Cl.[4] : C11 D, 17/08

AN AQUEOUS LIQUID DETERGENT COMPOSITION.

Applicant : COLGATE PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK, NEW YORK-10022, UNITED STATES OF AMERICA.

Inventors :

ROBERT JOHN STELTENKAMP, U.S.A.
JOHN HENRY PUCKHABER, JR. U.S.A
DANIEL COLODNEY, U.S.A.
THOMAS CARLYLE HENDRICKSON, U.S.A

Application for Patent No. 0595/Del/92 filed on 10-07-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

An aqueous liquid detergent composition for cleaning a hard surface and for repelling insects therefrom comprising :

(i) 1 to 30% of a surface active detergent compound selected from the group consisting of anionic, nonionic, cationic and amphoteric detergent compounds of the kind such as herein before described and mixtures thereof; and

(ii) 0.2 to 20% of a material of the kind such as herein before described capable of repelling insects like spiders, cockroaches and mites;

(iii) balance being H_2O and/or other conventional additives said liquid detergent composition being substantially free of a liquid hydrocarbon.

(Compl. Specn. 17 Pages; Drgn. Sheet 1)

Ind. Cl. : 12D 185362

Int. Cl.[4] : C 22B-15/12

A PROCESS FOR THE PREPARATION OF A COPPER ACTIVATED THERMOLUMINESCENCE DOSEMETER (TLD) GLASS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor : RADHABALLABH DEBNATH, INDIA

Application for Patent No. 618/Del/92 filed on 15-7-92.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A process for the preparation of copper activated thermoluminescence dosemeter (TLD) glass which comprises :

(a) Making of a porous glass of composition SiO_2=94—97%, Al_2O_3=0.4—2%, M_2O=2·0—0.1% where 'M' represents Na^+, K^+, Li^+ and B_2O_3=2—6% by known manner,

(b) heating the composition in a furnace at a temperature in the range of 500–700°C under constant flow of air burn out trapped impurities in the pores of the glass,

(c) cooling the porous glass to room temperature,

(d) impregnating the glass with a solution of an organo-copper complex to have 10^{17}–10^{19} ions/cc in an organic solvent, such as herein described,

(e) drying the impregnated glass at ambient temperature,

(f) sintering the glass into monolithic plate at a temperature in the range of 1100–1200°C.

(Compl. Specn. 8 Pages; Drgn. Sheet 2)

Ind. Cl. : 87 D 185363

Int. Cl.[4] : A 63 F, 7/06

GAME-SET FOR INDOOR CRICKET.

Applicant : JOGINDER LAL BEDI, INDIAN BY NATIONALITY 150 THE MALL APARTMENTS, MALL ROAD, DELHI-54.

Inventor : JOGINDER LAL BEDI, INDIA.

Application for Patent No. 634/Del/92 filed on 20-07-92.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

2 Claims

A Game-set for Indoor Cricket, comprising a Board representative of Cricket Play Ground, divided into Three Parts X, Y, Z by two parallel lines 15-16, a line 5' divides Part Y into two Portions 5 to 6, Part Z divided by two lines 7' and 8' into Three Portions 7, 8 and 9, Part X divided by Three lines 1', 2' and 3' into Four Portions and finally each Portion 1 2,3,4,5,6,7,8 and 9 devided into Two Parts marked a and b, with Wickets marked by Three dots, 11 and 12 and a Set of Three Dicers with a small Dicer Board, One dicer (P) being Six sided, Five sides or faces marked with Dots 1 to 4 and 6 and the Sixth side of Face marked Zero, Second Dicar (S) being Six Sided marked A.B.AB.AB.W and R, Third Dicer (Q) being Ten Sided marked 1 to 9 and Tenth side Zero, and Twenty Two Discs, representing Twenty-two Players of Two Teams, Eleven are marked A1 and the rest of Eleven A2.

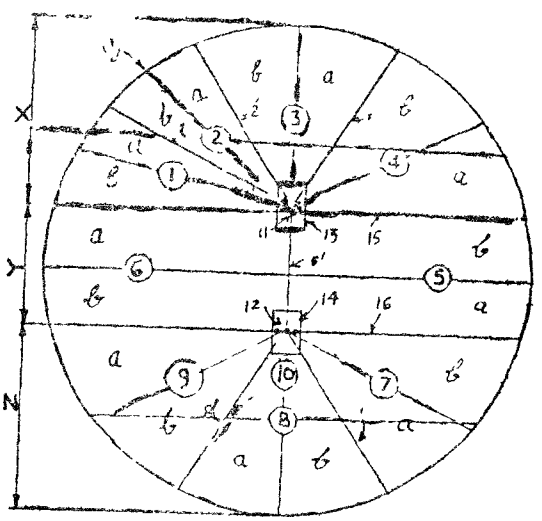


FIG-1

(Compl. Specn. 8 Pages; Drgn. Sheet 1)

Ind. Cl. : 127I 185364

Int. Cl.[5] : H 01R 31/00

UNIVERSAL OTTICAL FIBRE ADAPTOR.

Applicant : GORACHAND GHOSH, OF D-45, AMAR COLONY, LAJPAT NAGAR, NEW DELHI-110024, INDIA AN INDIAN NATIONAL.

Inventor : GORACHAND GHOSH, INDIA.

Application for Patent No. 673/Del/92 filed on 29-7-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

7 Claims

An universal optical fibre adaptor comprising two pieces of semi cylindrical rods having central V groove throughout the length and secured together by the securing means such as press button arrangement being provided to accommodate said optical fibre therein, the lower end of said adaptor being adapted to be inserted into a optical detector disposed in a container provided therefore

(Compl. Specn. 9 Pages; Drgn. Sheets 2)

Ind. Cl. : 35 C 185365

Int. Cl.[5] : C 04 B 14/28, 20/00

A LIGHTWEIGHT AGGREGATE FOR USE IN THE MANUFACTURE OF BUILDING MATERIALS SUCH AS CEMENTITIOUS PRODUCTS GYPSUM PRODUCTS, AND PLASTERBOARDS.

Applicant : BST HOLDINGS PTY. LIMITED, OF LEVEL 5, SUITE 507, 3 SMAIL STREET BROADWAY, NEW SOUTH WALES 2007, AUSTRALIA.

Inventors :
NEVILLE CHARLES STEPHENSON, AUSTRALIA.
GARY PETER NORTON, AUSTRALIA.

Application for Patent No. 681/Del/92 filed on 30-07-92.

Convention Application No. PK 7657/Australia/08-08-91

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

17 Claims

A lightweight aggregate for use in the manufacture of building materials such as cementitious products, gypsum products and plasterboards, comprising a lightweight particulate material such as herein described coated with a binding agent such as herein described, said binding agent having despersed therein at least 10% by weight thereof at least one transition metal ion

(Compl. Specn. 20 Pages; Drgn. Sheet Nil)

Ind. Cl. : 14D 185366

Int. Cl.[5] : H01M 6/00

AN ELECTROCHEMICAL CELL WITH AN INTEGRAL BATTERY CONDITION INDICATOR.

Applicant : DURACELL INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF BERKSHIRE INDUSTRIAL PARK, BETHEL, CONNECTICUT-06801, UNITED STATES OF AMERICA.

Inventors :
HAN CHENG KUO
IGNACIO CHI.
LIFUN LIN.
LOUIS L WU. &
JACK TREGER, (USA)

Application for Patent No. 707/Del/92 filed on 11-8-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

14 Claims

An electrochemical cell with an integral battery condition indicator, said first electrochemical cell comprises a casing and positive and negative terminals and characterized by said condition indicator having electrochemical means for causing electrochemical activity to occur therein and comprises a second electrochemical cell with an electrochemically stimulated display means; said condition indicator and said display means being of film laminated construction, said indicator having a thickness of less than about 100 mils (2.5 mm); condition of the first cell is determined by observing a visible condition of said display means as the first cell is discharged; and said second electrochemical cell being permanently electrically connected in parallel to said first cell; said display means comprises a cathode active layer electrically connected to said positive terminal, an anode active layer electrically connected to said negative terminal, an electrolyte layer located between at least a portion of said cathode and anode layers, wherein at least one of the cathode and anode layers is electrochemically consumed during discharge of the first electrochemical cell to indicate the condition of said first cell.

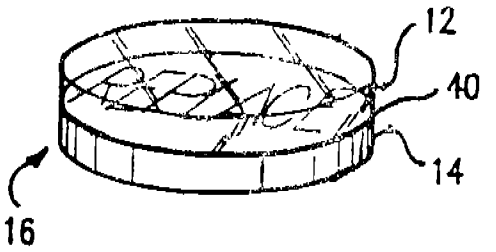


FIG. 1A

(Compl. Specn 34 Pages; Drgns. Sheets 4)

Ind. Cl. : 68 C 185367

Ind. Cl.[5] : H 01 F 29/00

AIR CORE REACTOR UNIT FOR POWER TRANSMISSION SYSTEM.

Applicant : BBA CANADA LIMITED, OF 71 MAYBROOK DRIVE, SCARBOROUGH, ONTARIO, CANADA MIV 4B6.

Inventors :
PATRICK EARLE BURKE, CANADA &
NORBERT PEWNY, GERMANY.

Application for Patent No. 708/Del/92 filed on 11-8-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

8 Claims

An air core reactor unit (10), for power transmission system comprising

a resistance ($R^1 1\ R^1 2$) for said reactor operative solely by electromagnetic coupling therewith,

said resistance comprising a metallic element (20, 20D) electrically isolated from coil windings of said reactor and positioned in magnetic coupling with said windings, and

supporting means (21, 22) mounting said metallic element on said reactor in spaced relation therewith for dissipating large quantities of heat from said metallic element without adversely damaging said reactor,

said metallic element being responsive to electro-magnetic fields generated by coil windings of said reactor by inducing, during use, at a selected frequency or band of infrequencies higher than a power frequency of the power transmission system I^2R losses that reflect back into said windings causing the quality factor Q of the said reactor to be lowered at said selected higher frequency.

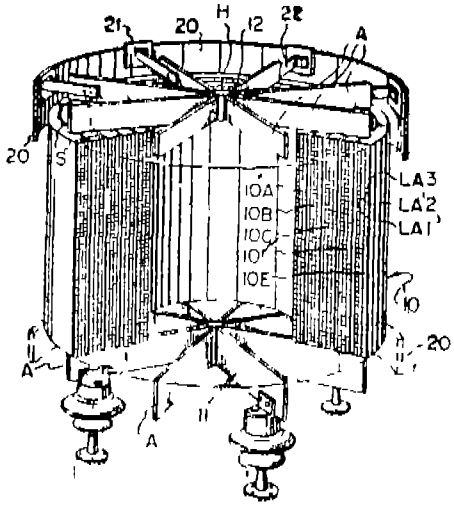


FIG. 3

(Compl. Specn. 17 Pages, Drgn. 3 Sheets)

Ind. Cl. : 32D & 40C 185368

Int. Cl. : Co8J 3/02 & 9/00

A CONTINUOUS PROCESS FOR THE PREPARATION OF A HIGH INTERNAL PHASE EMULSION.

Applicant : THE PROCTER & GAMBLE CO., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO-45202, UNITED STATES OF AMERICA.

Inventors :

THOMAS ALLEN DESMARAIS,

STEPHEN THOMAS DICK,

THOMAS MICHAEL SHIVELEY (USA).

Application for Patent No. 722/Del/92 filed on 17-8-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

1. A continuous process for the preparation of a high internal phase emulsion suitable for subsequent polymerization and dewatering, wherein the said process comprises :

(a) providing a liquid feed stream of an oil phase comprising :

(i) from 3% to 41% by weight of a substantially water-insoluble, monofunctional glassy monomer component, having glass transition temperature above 40 degrees C of the kind herein described;

(ii) from 27% to 73%, by weight of a substantially water-insoluble, monofunctional rubbery comonomer component, selected from the group alkylacrylates, alkylmethacrylates, allylacrylates, butadiene, substituted butadiene, vinylidine halides and combinations of such comonomers and comonomer types;

(iii) the molar ratio of monofunctional glassy monomer component to monofunctional rubbery comonomer component in the oil phase being in the range of from 1:25 to 1.5:1;

(iv) from 8% to 30%. by weight of a substantially water-insoluble cross-linking agent component, selected from polyfunctional monomer;

(v) from 2% to 33%, by weight of an emulsifier component which is soluble in the oil phase and which is suitable for forming a stable water-in-oil emulsion, said emulsifier component comprising an emulsifier selected from sorbitan fatty acid esters, polyglycerol fatty acid esters, poly-oxyethylene fatty acids and esters and combinations of such emulsifiers;

(b) providing a liquid feed stream of a water phase comprising an aqueous solution containing from 02% to 40%, by weight of water-soluble electrolyte, and from 0.02% to 0.4%, by weight of a water-soluble, conventional free radical polymerization initiator,

(c) simultaneously introducing said liquid feed streams "A" and "B" into a dynamic mixing zone at flow rates such the initial weight ratio of water phase to oil phase being introduced ranges from 2:1 to 10:1,

(d) subjecting the combined feed streams "A" and "B" in said dynamic mixing zone to sufficient shear agitation, at a rate of from 1000 to 7000 psi sec^{-1}, to at least partially forming an emulsified mixture in said zone while maintaining steady, non-pulsating flow rates for the oil and water phase streams;

(e) steadily increasing the ratio of water to oil feed streams being introduced into said dynamic mixing zone to within the range of from 12:1 to 100:1, at a rate of increase which does not destroy the emulsified nature of the contents of said dynamic mixing zone, while maintaining the emulsified contents of said dynamic mixing zone at a temperature of from 25°C to 70°C, and while subjecting the emulsified contents of said zone to continued shear agitation, at a rate of from 100 to 7000 sec^{-1} by means of a pin impeller, which is sufficient to eventually form a high internal phase emulsion that, upon subsequent polymerization, provides a foam having an average cell size of from 5 to 100;

(f) continuously withdrawing the emulsified contents of said dynamic mixing zone and continuously introducing said emulsified contents into a static mixing zone wherein said emulsified contents are further subjected to sufficient shear mixing to thereby completely form a stable high internal phase emulsion having a water to oil phase weight ratio of from 12:1 to 100:1; such that said high internal phase emulsion can be polymerised and dewatered to form a solid absorbent foam.

(Compl. Specn. 36 Pages; Drgn. 2 Sheets)

Ind. Cl. : 206 E. 185369

Int. Cl.[4] : G 11 B 23/00.

CASE FOR A DISC CARTRIDGE.

Applicant : SONY CORPORATION, A JAPANESE COMPANY, OF 7—35, KITASHINAGAWA 6-CHOME, SHINAGAWAKU, TOKYO, JAPAN.

Inventors :

1. TOMIO MIZUNO—JAPAN.
2. SHINKICHI KOBAYASHI—JAPAN.

Application for Patent No. 754/Del/92 filed on 26-8-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

A case (11) for a disc cartridge comprising :

a cover; and

characterised in that

the said case comprises a case body having said cover rotatably attached thereto and having, on its bottom wall (12d) integrally formed a plurality of resilient hold members (15a, 15b, 15c, 15d) for resiliently holding a disc cartridge.

(Compl. Specn. 17 Pages; Drng. Sheets 10)

Ind .Cl. : 145E1. 185370

Int. Cl.[4] : D21B 1/08, 1/82 & D21F 1/70.

AN APPARATUS FOR THE MANUFACTURE OF DEINKED PAPER PULP.

Applicant : LENOX INSTITUTE OF WATER TECHNOLOGY, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA OF 101 YOKUN AVENUE, LENOX, MASSACHUSETTS 01240, UNITED STATES OF AMERICA.

Inventor : MILOS KROFTA.

Application for Patent No. 785/Del/92 filed on 2-9-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) ,Patent Office Branch, New Delhi-110 005.

16 Claims

An apparatus for the manufacture of a deinked paper pulp comprising :

a tank having a generally circular outer wall;

guide means fixed in said tank defining an extended flow path through the tank of generally uniform cross-sectional flow area;

a main inlet at an upstream end of the flow path that feeds the waste paper slurry and an outlet from the tank at a downstream end of the flow path that removes de-inked slurry,

a plurality of modules disposed in said flow path that includes at least one injector for introducing flow of aerated slurry to the flow path under pressure and directed generally along said flow path and means for extracting foamed ink from the surface of the slurry flowing through the tank; and

at least one means for recycling a portion of the slurry moving along said flow path from at least one of said modules to an injector of another module located upstream of said module.

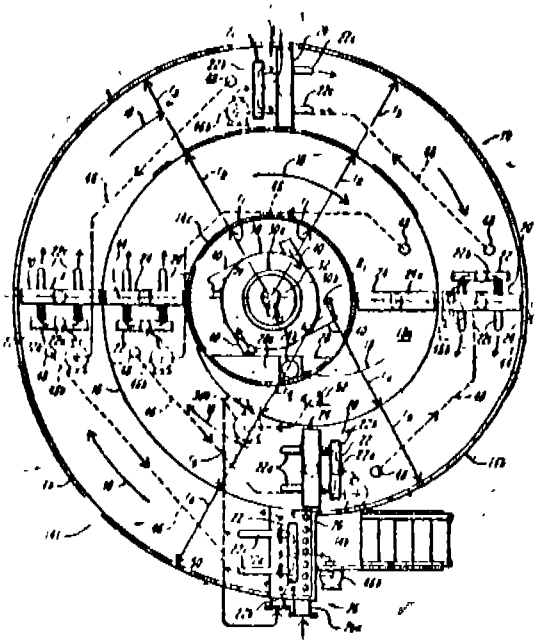


FIG. 1

(Compl. Specn. 22 Pages; Drng. 1 Sheet)

Ind. Cl. : 39 185371

Int. Cl.[4] : C 01 F -11/30 + 11/44.

AN IMPROVED PROCESS FOR THE RECOVERY OF WATER SOLUBLE BARIUM VALUES FROM BARITE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI 110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

1. ASHOK NAGESH GOKARN—INDIA.
2. BHARAT BHANUDAS KALE—INDIA.
3. ANITA RAVINDRA PANDE—INDIA.
4. DILIP DIGAMBAR RAVETKAR—INDIA.
5. BHASKAR DATTATRAYA KULKARNI—INDIA.
6. RAGHUNATH ANANT MASHELKAR—INDIA.

Application for Patent No. 620/Del/92 filed on 15-7-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) ,Patent Office Branch, New Delhi-110 005.

7 Claims

An improved process for the recovery of twaer soluble barium values from barite which comprises mixing thoroughly a reaction mixture consisting of powered barite and industrial coke/coal mixture with a binder selected from up tp 2-3 wt% of barite of a 25% solution of molasses of 5—10 wt% of barite of calcium lignosulfonate with 2 wt% of barite of water, pressing the mixed charge into briquettes of desired size by known methods, drying the briquettes in an oven for a period of 2-5 hrs at a temperature in the range of 110 to 125°C, reducing the dried briquettes in a known menner at a temperature in the range of 1000—1040°C for a period of 1-2 hrs to obtain the water soluble barium values

(Compl Specn. 10 Pages Drng Sheet Nil)

Ind. Cl. : 146 D, 147 G. 185372

Int Cl.[4] : G 02 B 27/64

AN IMAGING INSTRUMENT.

Applicant : CENTRE NATIONAL D'ETUDES SPATIALES, A FRENCH COMPANY, OF 2 PLACE MAURICE-QUENTIN 75001 PARIS/FRANCE.

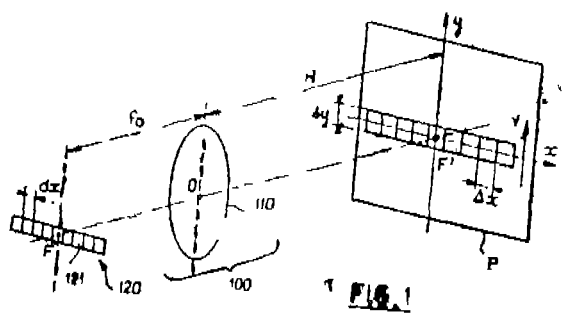
Inventor : JEAN-MICHEL MARTINOZZI—France.

Application for Patent No. 565/Del/92 filed on 29th June, 1992.

Appropriate Office for Opposition Proceedings Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110005

3 Claims

An imaging instrument fo rrecording an image of a scene situated in a given plane P extending in two perpendicular directions X and Y, said imaging instrument comprising a lens (110) and a linear array of individual detectors (120, 120', 120") and being characterized by k Parallel linear arrays of detectors, (120, 120") the dimensions of an individual detector (121) in the x direction being equal to dx,, said linear arrays (120' 120") of individual detectors (121) being offset by the distance dx/k relative to the x axis and being separated from one another by the distance k' dx/k, where k' is a non-zero integer



(Complete Specification 11 Pages Drawing Sheet-2).

Ind. Cl. : 129 J 185373

Int. Cl. : B 21 B 1/16, 31/00

A BLOCK TYPE ROLLING MILL.

Applicant : MORGAN CONSTRUCTION COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 15 BELMONT STREET, WORCESTER, MASSACHUSETTS 01605, UNITED STATES OF AMERICA.

Inventor(s) : TERENCE MICHAEL SHORE, HAROLD ERNEST WOODROW— All are the Citizens of U.S.A.

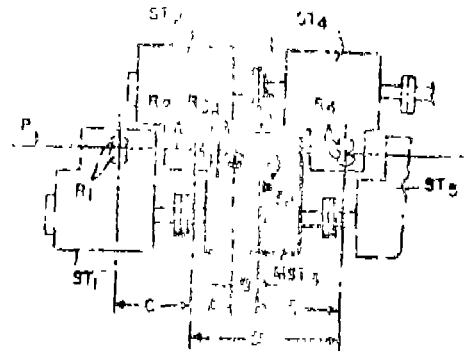
Application for Patent No 541/Del/92 filed on 22-6-92.

Appropriate Office for Opposition Proceedings Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110005

7 Claims

A block type rolling mill having a plurality of roll stands ST_1-ST_{10} arranged along a mill pass (P) line, each roll stand having a pair of work rolls (R_2 R_4) mounted in cantilever fashion on a pair of roll shaft, (36) and having intermediate drive components for mechanically coupling said roll (36) shaft to one of two line (22, 24) shafts extending in parallel relationship to the mill pass (P) line, with a common drive for driving the line shafts and with the work rolls of successive roll stands arranged to roll a single strand product in a twist free manner, characterized by

at least one of said rool (MST$_3$) being provided with a pair or additional work (R_{3a}) rolls mounted in cantilever fashion on a pair of additional roll (36a) shafts to effect a relatively light reduction compared with the work rolls situated upstream thereof, with intermediate drive components of the said one roll stand mechanism coupling the additional roll (36a) shafts to the respective one of said line (22; 24) shafts.



(Complete Specification 13 Pages Drawing Sheets 1)

Ind. Cl. : 32 C 185374

Int. Cl. : C 08F 110/00.

A POLYMERIC COMPOSITION FOR USE IN THE MANUFACTURE OF POLYMERIC TAPES.

Applicant : INDIAN INSTITUTE OF TECHNOLOGY, DELHI AN INDIAN INSTITUTE, HAUZ KHAS, NEW DELHI - 110016, INDIA.

Inventors : BASANTI LAL DEOPURA, SUNIL JANARDAN MAHAJAN & SHASHIKANT BORKAR—All are the citizens of India.

Application for Patent No. 672/Del/92 filed on 29-7-92

Complete Left after provisional filed on 27-7-93.

Appropriate Office for Opposition Proceedings Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110005.

9 Claims

A ploymeric composition for use in the manufacture of polymeric tapes comprising :

80% to 95% by weight of polypropylene and

5 to 20% by weight of polypropylene bloc copolymer in the form of a blended mix and consisting of a monomer mixture of propylene and any other olefin used singularly or in combination.

(Complete Specification 8 Pages Drawing Sheet - Nil).

Ind. Cl. : 155 A 185375

Int Cl. : E04 C 5/07, E04 D 3/32

A HYDRAULICALLY SETTING COMPOSITION

Applicant : POLYFIBRE S.A. OF CHEMIN DES PLANTAZ 36, P.O. BOX 73,, CH-1260 NYON, SWITZERLAND.

Inventor(s) JOSEF STUDINKA, BENOIT DE LHONEUX. BELGIUM, YOSUKETAKAI—JAPAN.

Application for Patent No. 0689/Del/92 filed on 03-08-92.

Appropriate Office for Opposition Proceedings Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110005

13 Claims

A hydraulically setting composition comprising water, hydraulic binders and reinforcing fibers and moreover process fibres in an amount of 0-10wt% with respect to the total dry mix and fillers in an amount of 0-50 wt% with respect to the total dry mix, characterised in that the reinforcing fibres comprise from 0.1-5 wt% with respect to the total dry mix of highly crystalline polypropylene fibres possessing a fibre breakage strength of over 490 N/mm², having G 5 and 97 < HI < 100, and 94 < IPF < 100, Q being the ratio of weight-average molecular weight to number-average molecular weight, HI being the boiling n-heptane insoluble content in wt% with respect to the total polymer and IPF being the isotactic pentad fraction in mol%.

(Complete Specification 18 Pages Drawing Sheet-Nil)

Ind. Cl. : 107 G 185376

Int. Cl.[6] : F 16 H 7/00.

BELT-TYPE NON-STAGE TRANSMISSION.

Applicant : HONDA GIKEN KOGYO KABUSHIKI KAISHA, A CORPORATION OF JAPAN, OF 1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN

Inventor(s) : KAORU HANAWA—Japan.

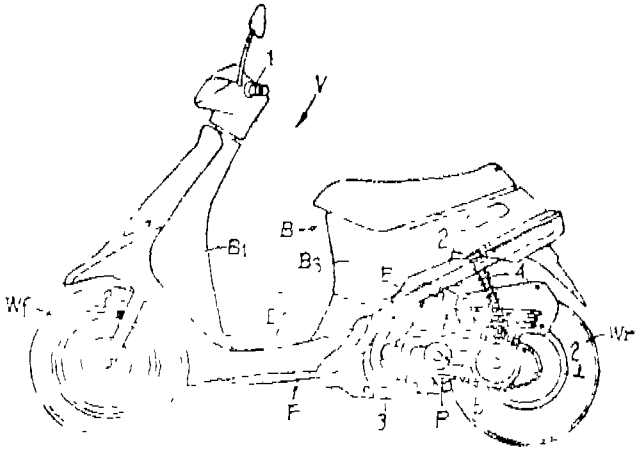
Application for the Patent No. 703/Del/92 filed on 10-8-92.

Appropriate Office for Opposition Proceedings Rule 4, Patent Rules 1972), Patent Office Branch, New Delhi-110005.

2 Claims

A belt-type non-stage transmission comprising a follower pulley (26) of said belt-type non-stage transmission (B) and a clutch (34) are disposed coaxially and cam contacting projections (51) formed on a drive plate (35) of said clutch (34) are opposed to cam faces (52_1) of torque cams (52) provided projectingly on a rear face of a movable side pulley half (26_2) of said follower pulley (26) while sliding members (53) for abutting with said cam faces (52_1) are mounted on said cam contacting projections (51) characterized in that said cam contacting projections (51) of said drive plate (35) are formed by cut and raised pieces each having two cut faces (51_1, 51_2) on the inner side and the outer side in a radial direction of said drive plate (35) and holding grooves (53_3) formed on said sliding said cut faces (51_1) on the inner side while arresting pawls (53_4) provided at ends of said holding grooves (53_3) are engaged at said cut faces (51_2) on the outer side.

FIG. 1



(Complete Specification 21 Pages Drawing Sheets 5)

Ind. Cl. : 206 E. 185377

Int. Cl.[4] : H 01 P - 7/10.

A PROCESS FOR THE PREPARATION OF A DIELECTRIC RESONATORS FOR MICROWAVE APPLICATIONS.

Applicant : THE CHIEF CONTROLLER, RESEARCH & DEVELOPMENT, MINISTRY DEFENCE, GOVERNMENT OF INDIA, TECHNICAL COORDINATION, DEPARTMENT, B 341, SENA BHAWAN, DHQ PO NEW DELHI-110011, INDIA.

Inventor(s) : MR. KANAKKAPPILLAVILA CHINNAYYA JAMES RAJU, MR. VENKATASUBRAMANIAN SIVASUBRAMANIAN, DR. BALASUBRAMANIAN VISHWANATHAN, DR. VEMURI RAMAKRISHNAMURTHY & MR. VENKATARAMAN SUNDARARAJAN—All are Indian Citizens.

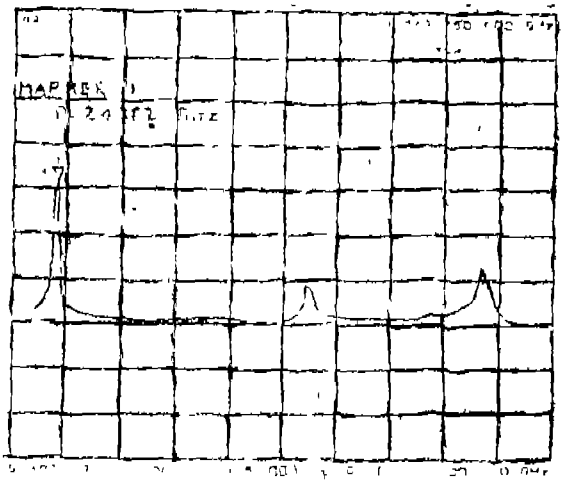
Application for Patent No. 704/Del/92 filed on 11-08-92.

Complete left after Provisional specification filed on 29-9-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005

5 Claims

A process for the preparation of a dielectric resonatior for microwave applications comprising preparing the stoichiometries of the oxides of Ba and Sr in the ratio of (0.3-02 : 07-08) and Zr and Ti in the ratio of (095-0.975 : 15-0 25) separately, mixing said stoichimetries in a gate ball mill for 24 hours, subjecting the resulting powdered mix to the step of calcination, to get the compound, adding a binder as herein described and an additive sintering agent to said calcined powder and preparing the pellets of dielectric resonator by a hydraulic press, and then subjecting said pellets to the step of sintering in order to get said dielectric resonator.



(Provisional Specification 4 Pages Drawing Sheet - Nil)

(Complete Specification 11 Pages Drawing Sheet-1)

Ind. Class . 172C3. 185378

Int. Cl.[4] : D01B 1/14

A CRUSHING APPARATUS

Applicant : THE MINISTER OF AGRICULTURE FISHERIES AND FOOD IN HER BRITANNIC MAJESTY'S GOVERNMENT OF GREAT BRITAIN AND NORTHERN IRELAND, A BRITISH CORPORATION SOLE, OF WHITEHALL PLACE, LONDON SW1A 2HH, ENGLAND.

Inventors : GRAHAM JAMES ALDRIDGE & HARRY JAMES GILBERTSON (ENGLAND).

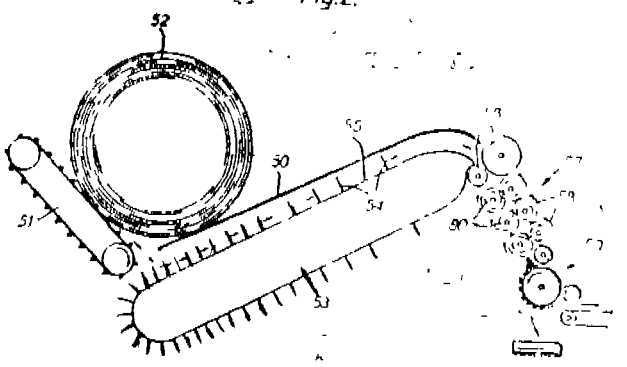
Application for Patent No. 793/Del/92 filed on 4th September, 92. Convention date 5-9-91/(9118932.4/(U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

13 Claims

A crushing apparatus containing at least one pair of coacting rollers (57) with a pathway for crushed material therebetween, each roller having a plurality of teeth extending around its perimeter each tooth being at least at its outermost position, in the form of a flat plate (83) with its edge lying parallel with a roller axis, (80) the rollers (58) at their closest positions having plates (83) on one (58) in space between plates (83) in the other (58), characterized in that each plate (83) lies at a slant with respect to the radial.

Fig.2.



(Complete specification 12 Pages Drawing 5 Sheets).

Ind. Cl. : 55 E - 4. 185379

Int. Cl.[4] : C 07 J - 1/00.

AN IMPROVED PROCESS FOR THE PREPARATION OF HYDROXY COMPOUNDS OF STEROIDS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT, (ACT XXI OF 1860).

Inventor(s) : THOTTAPALLIL RAVINDRANATHAN, PRADEEP KUMAR, VISHNUMURTHY RAMACHANDRA HAGDE and KUPPUSAMY SARAVANAN—All are Indian Citizens.

Application for Patent No. 1531/Del/96 filed on 11-07-1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

4 Claims

An improved process for the preparation of hydroxy compounds of steroids which comprises reacting the respective steroid (substrates(s)) with hydrogen peroxide in the presence of microporous, titanium silicate catalyst composite material having molar composition as $XTiO_2$: (1-X) SiO_2 (where X is from 0.003 to 0.2) and is characterized by the X-ray diffraction pattern and infrared spectral data as here in described and optionally in presence of organic solvent at temperature between 25-80° C at autogeneous pressure for a period between 15—24 hrs and recovering the corresponding hydroxy compounds of steroids product from the reaction mixture by conventional methods.

(Complete Specification 13 pages and Drawing Nil)

Ind. Cl. : 55 D₂, 60 x 1. 185380

Int. Cl.[4] : A 01 N 47/00

A PROCESS FOR PREPARING AN ARYL BENZOYL UREA DERIVATIVE.

Applicant : DONGBU HANNONG CHEMICAL COMPANY LIMITED, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF REPUBLIC OF KOREA OF THE ADDRESS : 838, YUKSAM-DONG, KANGNAM-KU, SEOUL, KOREA.

Inventors :
JUNG HO KIM—KOREA,
JE WAN WOO—KOREA,
YONG WOO SHIN—KOREA,
JUNG NYOUNG HEO—KOREA,
EUI DEOK KIM—KOREA AND
JOON SEO PARK—KOREA.

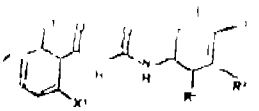
Application for Patent No. 2531/Del/96 filed on 18th November, 1996.

Convention Application No. 95-72367/KR./27-12-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972-, Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the preparation of an aryl benzoyl urea derivative of formula (I) :



in which

X^1 and X^2 independently of one another represent hydrogen, fluoro, chloro or bromo,

R^1 represents chloro, bromo or trifluoromethyl, one of R^2 and R^4 is hydrogen and the other represents fluoro, chloro, cyano or trifluoromethyl, and

R^5 represents fluoro, chloro, bromo or cyano,

characterized in that a benzoyl isocyanate having the following formula (II) :

in which X^1 and X^2 are defined as above, is reacted with an aniline derivative having the following formula (III) :

in which R^1, R^2, R^3 and R^4 are defined as above at a temperature of 0 to 120°C in the presence of at least one diluent such as herein described.

(Compl. Specn. 34 pages Drng. Sheet Nil)

PROCEEDING UNDER SECTION-27

The application for Patent No. 180716(740/Cal/93) accepted and advertised on 14th March 1998 in Gazette of India, Part III, Sec. 2 and grant of Patent on that application has been refused under Section 27 of the Patents Act, 1970.

OPPOSITION PROCEEDINGS

An opposition entered by M/S. Research, Designs & Standards Organisation, Lucknow to the grant of a patent to the Application No. 178788 (173/Cal/93) has been dismissed and the application for patent has been ordered to proceed for sealing subject to amendments.

An opposition entered by M/s. Research Designs and Standards Organisations, Lucknow to the grant of a patent to the application No. 181349 (679/Cal/94) has been dismissed due to withdrawn of opposition and the application for patent has been ordered to proceed for sealing.

An opposition has been entered by Mr. Milind Madhav Vidya, Pune to the grant of a patent on application No. 183509 (827/Cal/95) dated 20th July, 1995 made by M/s Ona Electro Erosion S.A., Spain.

An opposition has been entered by M/s. Bharat Heavy Electricals Limited, Hyderabad to the grant of patent on application No. 184160 (114/Cal/99) dated 15th February, 1999 made by M/s. the Babcock & Wilcox Company, U.S.A.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 169663 dt. the 18-05-1987 made by Aluminium Pechine on the 03-05-2000 notified in the official Gazette of India Part III, Section 2, dt. 15-07-2000 has been allowed and the said patent restored.

Notice is hereby given that application for restoration of Patent No. 169949 dated 12-06-1989 made by PRABHAT KUMAR on 11-06-1999 and notified in the Gazette of India, Part-III, Section 2, dated 4-3-2000 has been aollwed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 171582 dt. the 17-05-1998 made by LUOYANG, PETROCHEMICAL ENGINEERING CORPORATION SINOPEC (LPEC) and INSTITUTE FRANCAIS DU PETROLE on the 26-04-2000 notified in the Official Gazette of India Part III, Section 2, dt. 15-07-2000 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 179848 dt. the 10-03-1994 made by INDIAN INSTITUTE OF TECHNOLOGY on the 10-03-2000 and Notified in the official Gazette of India Part III, Section 2, dt. 17-06-2000 has been allowed and the said patent restored.

Notice is hereby given that an application for restoration of Patent No. 181120 dt. The 12-01-1999 made by SEQUACORPN, on the notified in the Gazette of India Part III, Section 2, dt. 15-07-2000 has been allowed and the said patent restored.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 183083 granted to Council of Scientific & Industrial Research for an invention relating to A process for the preparation of novel rr(I) (diene), 1-6-0-bis (disphenyl phosphino) cis-cis. spiro (4,4) nonaney.

The Patent ceased on the 10-08-2000 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 18-11-2000

Any interest person may give notice of opposition to the restoration by leaving notice of Form 14 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th floor, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 on or before the 6-3-2001 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the fact upon which he based his case and the relief he seeks, shall be filed with the notice or within two month from the date of the notice.

PATENT SEALED ON 18-12-2000

180127 182077* 182506* 182754 183593* 183741* 183961 183962 183963 183965 183971 183972 183973 183975 183979 183983 183984* 183987* 183988* 183989 183990 183992 183993 183994 183995* 183996 183998 183999 184000 184003*D 184005*D 184006*D 184007*D 184008*F 184009*D 183010*D 184011 184012 184013* 184014 184015*F 184016*F 1840171D 184018*D 184019*D 184020*F

CAL-08, DEL-07, MUM-01, CHEN-30

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries in the date of the registration included in the entries.

Class 1. 182343 & 182346. Financiere Des Applications Des Applications De L'Electricite S.A. Rue De Lusambo, 67 B. 1190 Belgium, A Belgian Company. "Lighting Apparatus". 15th May 2000.

Class 1. No. 182257. Thinkers Gift (India) A Proprietorship firm Office at A-24, FF, Jailandewalan, New Delhi-110005, India, Indian National. "Table Lamp". 5th May 2000.

Class 1. No. Crompton greaves Limited, An Indian Company, Office at 1 Dr. V B Gandhi Marg, Mumbai. Maharashtra, India. "Ceiling Fan". 29th May 2000.

Class 1. No. 182895. LML Limited, Business at B-17, Greater Kailash I, New Delhi-110048, an registered Office at C-3, Panki Industrial Estate, Kanpur-200022, Uttar Pradesh, India. "Scooter". 17th July 2000.

Class 1. No. 179380. M/s. Electrex (India) Ltd., an Indian Company, at No. 21-D1 Peenya Industrial Area, 2nd Phase, Bangalore-560058, Karnataka State, India. "Heavy Duty Drill". 5th May 1999.

Class 3 No. 182618. Studs Accessories Limited, an Indian company of 560, Sector 16-A, Faridabad 121 002, U.P., India, "Side Box for Motorcycles & Scooters" 13th June 2000.

Class 3. No. 182929. Cavinkare Limited, an Indian Company Business at 130, Peters Road, Chennai-600086, Tamil Nadu, India. "Container". 18th July 2000.

Class 3. No. 182353. Pawandeep Singh Bahl, an Indian Citizen of 1, First Floor, Aravalli Shoping Complex, Alaknanda, New Delhi-110024 "Plug with Thermostate". 16th May 2000.

Class 3. No. 182570. Rosswell Bruce Jones of 86 Elmsfield Street, Belmont, Western Australia, 6104, Australia. "Garment Hanger Assembly" Priority date 10th December 1999 (Australia).

Class 3. No. 182705. The Procter & Gamble Company, a corporation organised and existing under The Laws of The State of Ohio, United States of America of One Procter & Gamble Plaza, Cincinnati, Ohio-45202, USA "Container" 23rd June 2000.

Class 3. No. 182544. Manjushree Extrusions Ltd., an Indian Company of 143, C-5, Bommasandra Industrial Area. Hemmagodi, Anekal Taluk, Hosur Road, Bangalore-562158, Karnataka, India. "Panna Jar" 2nd June 2000.

Class 3. No. 182268. Kimberly-Clark worldwide, Inc. Office at 401, North Lake Street, Neenah, Wisconsin 54957–0349, United States of America, a Corporation of the State of Delaware USA. "Filtered Water Pitcher". 8th May 2000

Class 3. No. 182738. Nilkamal Plastics Ltd. of Plot No. 971-1A, Sinnar Taluka Industrial Co-operative Estate, Sinner Shirdi Road, Sinner-422103, Maharashtra, India, Indian company, "Chair". 27th June 2000.

Class 3 No. 182535, The Gillette Company, Prudential Tower Building, Boston, Massachusetts-02199, U.S.A. Company organised and existing under the laws of state of Delaware. "Writing Instrument". 1st June 2000.

Class 3 No. 182524. Sukanti Industries, an Indian Partnership firm of 410, A Byculla Service Industries, Dadoji Konddeo X Road, Byculla, Mumbai-400027, Maharashtra, India. "Knofe Cum Scissors". 31st May 2000.

Class 3. No. 181568, 181569 & 181570. Today's Writing Products Limited, of Survey No. 251/2/2, Valsad Falia, Near Jain Temple, Dadra, Dadra & Nagar Haveli Union Territory-396230, an Indian company. "Pen". 9th February 2000.

Class 3. No. 179595. Schneider Electrio Industries SA, of 40 Avenue Andre Morizet, 82100 Boulogne-Billancourt, France, a French Company. "Push Botton". 31st May 1999.

Class 4. No. 182245–182247. Alexander Satryo Wibowo, an Indonesian citizen of JL. Tampak String Raya No. 21–23, Bukit Gading Villa, Kelapa gading, Jakarta Utara, Indonesia. "Bottle". 3rd May 2000.

Class 13. No. 182391 & 182391. Ritika Ltd. an Indian Company of 138, Beliaghata Road, Calcutta-700015. West Bengal, India "Textile Fabric". 22nd May 2000

H. D. THAKUR

Controller General of Patents, Designs & Trade Marks.

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 2001
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